

## CHROMOSOMES (Cont'd)

somatic counts. (Which were as expected  $2N=92$ ) Fig. 5.

Thespesia populnea ( $2N=26$ ) has chromosomes which are about the size and shape of those found in cotton. (Gossypium) Fig. 6.

The Hibiscus rosa-sinensis variety Bernice Hudson, a tetraploid was observed and this slide was not too good and not repeated because of limited material. In this polyploid variety I counted the chromosomes for a certain distance along the phragmoplast and extended this to the whole line of chromosomes. Fig. 7

Hibiscus Moscheutos ( $2N=92?$ ) appears to be unstable for I have found only 88 somatic chromosomes.

While reviewing the literature I found a chart (Chart 1.) which had a few inaccuracies. These mostly centered around the genera and species neither or in both the six or seven "lines". I have attempted to correct these in chart 2. (See page 30)

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(Page 31 please)